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HANGZHOU APOLLO LIFTING EQUIPMENT CO.,LTD



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## Ratchet Strap & Tie Downs ▼

**Item No.:ERTD50J03**



**50mmx5T Ratchet tie down with Double J hooks**

★ **Specification:**

- Width:50mm
- Webbing Breaking Strength:6400kg
- Working Load:2500 kg
- Assembly Breaking Strength:5000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:2"x5t ratchet buckle
- End Fittings: 2"x5t Double J Hooks
- Hot sale size: 5m, 6m,8m,10m,12m

**Item No.:ERTD50J04**



**50mmx5T Ratchet tie down with Double J hooks**

★ **Specification:**

- Width:50mm
- Webbing Breaking Strength:6400kg
- Working Load:2500 kg
- Assembly Breaking Strength:5000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:2"x5t ratchet buckle
- End Fittings: 2"x5t Double J Hooks
- Hot sale size: 5m, 6m,8m,10m,12m

**Item No.:ERTD50J05**



**50mmx5T Ratchet tie down with Ergo ratchet buckle**

★ **Specification:**

- Width:50mm
- Webbing Breaking Strength:6400kg
- Working Load:2500 kg
- Assembly Breaking Strength:5000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:2"x5t Ergo ratchet buckle
- End Fittings: 2"x5t Double J Hooks
- Hot sale size: 5m, 6m,8m,10m,12m

**Item No.:ERTD50J02**



**50mmx4T Ratchet tie down with Double J hooks**

★ **Specification:**

- Width:50mm
- Webbing Breaking Strength:5300kg
- Working Load:2000 kg
- Assembly Breaking Strength:4000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:2"x4t ratchet buckle
- End Fittings: 2"x4t Double J Hooks
- Hot sale size: 5m, 6m,8m,10m,12m

**Item No.:ERTD25J01****25mmx0.8T Ratchet tie down with Double J hooks****★ Specification:**

- Width:25mm
- Webbing Breaking Strength:1000kg
- Working Load:400 kg
- Assembly Breaking Strength:800 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:1"x0.8t ratchet buckle
- End Fittings: 1"x0.8t Double J Hooks

**Item No.:ERTD25J02****25mmx1T Ratchet tie down with Double J hooks****★ Specification:**

- Width:25mm
- Webbing Breaking Strength:1250kg
- Working Load:500 kg
- Assembly Breaking Strength:1000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:1"x1t ratchet buckle
- End Fittings: 1"x1t Double J Hooks
- Hot sale size:3m,4m, 5m, 6m

**Item No.:ERTD35J01****35mmx2T Ratchet tie down with Double J hooks****★ Specification:**

- Width:35mm
- Webbing Breaking Strength:2600kg
- Working Load:1000 kg
- Assembly Breaking Strength:2000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:1.5"x2t ratchet buckle
- End Fittings: 1.5"x2t Double J Hooks
- Hot sale size:4m, 5m, 6m,8m

**Item No.:ERTD38J01****38mmx3T Ratchet tie down with Double J hooks****★ Specification:**

- Width:38mm
- Webbing Breaking Strength:3900kg
- Working Load:1500 kg
- Assembly Breaking Strength:3000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:1.5"x3t ratchet buckle
- End Fittings: 1.5"x3t Double J Hooks
- Hot sale size:4m, 5m, 6m,8m

**50mmx3T Ratchet tie down with Double J hooks****★ Specification:**

- Width:50mm
- Webbing Breaking Strength:4100kg
- Working Load:1500 kg
- Assembly Breaking Strength:3000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:2"x3t ratchet buckle
- End Fittings: 2"x3t Double J Hooks
- Hot sale size: 5m, 6m,8m,10m,12m

**75mmx10T Ratchet tie down with Flat hooks****★ Specification:**

- Width:75mm
- Webbing Breaking Strength:12800kg
- Working Load:5000kg
- Assembly Breaking Strength:10000kg
- Safety Factor:2:1
- Webbing Color: Yellow/Orange/Blue
- Ratchet Buckle:3" Long Wide Handle Ratchet
- End Fittings: 3" Double J hooks
- Hot sale size:8m,10m,12m

**75mmx7.5T Ratchet tie down with Flat hooks****★ Specification:**

- Width:75mm
- Webbing Breaking Strength:9600kg
- Working Load:3750kg
- Assembly Breaking Strength:7500kg
- Safety Factor:2:1
- Webbing Color: Yellow/Orange/Blue
- Ratchet Buckle:3" Long Wide Handle Ratchet
- End Fittings: 3" Black flat hooks
- Hot sale size:8m,10m,12m

**100mmx10T Ratchet tie down w/ Double J-Hooks****★ Specification:**

- Width:100mm
- Webbing Breaking Strength:12800kg
- Working Load:5000kg
- Assembly Breaking Strength:10000kg
- Safety Factor:2:1
- Webbing Color: Yellow/Orange/Blue
- Ratchet Buckle:4" Long Wide Handle Ratchet
- End Fittings: 4" Double J hooks
- Hot sale size:8m,10m,12m

**Item No.:URTD25J05****1" Ratchet Strap w/ S-Hooks****★ Specification:**

- Width:1"
- Webbing Breaking Strength:2600 lbs
- Working Load:800 lbs
- Assembly Breaking Strength:2200 lbs
- Safety Factor:3:1
- Webbing Color:Yellow/Orange/Blue
- Ratchet Buckle:1" Thumb Ratchet buckle
- End Fittings: 1" S Hooks
- Hot sale size:1"x10',1"x15',1"x20'

**Item No.:URTD25J07****1" Endless Ratchet Strap****★ Specification:**

- Width:1"
- Webbing Breaking Strength:2600 lbs
- Working Load:800 lbs
- Assembly Breaking Strength:2200 lbs
- Safety Factor:3:1
- Webbing Color:Black/Yellow/Orange/Blue
- Ratchet Buckle:1" Thumb Ratchet buckle
- End Fittings: None
- Hot sale size:1"x6',1"x10',1"x15',1"x20'

**Item No.:URTD50J01****2" Ratchet Strap w/ Double J-Hook****★ Specification:**

- Width:2" (stenciled)
- Webbing Breaking Strength:12000 lbs
- Working Load:3300 lbs
- Assembly Breaking Strength:10000 lbs
- Safety Factor:3:1
- Webbing Color: Yellow/Orange/Blue/Green
- Ratchet Buckle:2" Long Wide Handle Ratchet
- End Fittings: 2" Double J-Hooks
- Hot sale size:2"x27',2"x30'

**Item No.:URTD50J06****2" E Track Ratchet Straps w/ Spring E-Fittings****★ Specification:**

- Width:2"
- Webbing Breaking Strength:6000 lbs
- Working Load:1467 lbs
- Assembly Breaking Strength:4400 lbs
- Safety Factor:3:1
- Webbing Color: Yellow/Grey/Blue
- Ratchet Buckle:2" Wide Handle Interior Ratchet End
- Fittings: 2" Spring E fittings
- Hot sale size:2"x10',2"x12',2"x16',2"x20'

**50MM X 9MTR RATCHET LOADBINDER 2500KG LC****★ Specification:**

- According to Australia AS 4380:2001 Standard
- Width:50mm
- Webbing Breaking Strength:6400kg
- Working Load:2500 kg
- Assembly Breaking Strength:5000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:2"x5t ratchet buckle
- End Fittings: 2" Swan hook and keeper
- Hot sale size:9m,11m

**35MM X 6MTR RATCHET LOADBINDER 1500KG LC****★ Specification:**

- According to Australia AS 4380:2001 Standard
- Width:35mm
- Webbing Breaking Strength:3900kg
- Working Load:1500 kg
- Assembly Breaking Strength:3000 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:1.5"x3t ratchet buckle
- End Fittings: 1.5" Swan hook and keeper
- Hot sale size:6m,5m,

**25MM X 5MTR RATCHET LOADBINDER 750KG LC****★ Specification:**

- According to Australia AS 4380:2001 Standard
- Width:25mm
- Webbing Breaking Strength:1800kg
- Working Load:750 kg
- Assembly Breaking Strength:1500 kg
- Safety Factor:2:1
- Webbing Color:Yellow/Orange/Blue/Green
- Ratchet Buckle:1"x1.5t ratchet buckle
- End Fittings: 1" Swan hook and keeper
- Hot sale size:3m,4m,5m,6m

# Flat webbing sling

Webbing slings are made from high tenacity 100% polyester (PES) webbing material manufactured according to EN standards. These slings have the following advantages:

- Low weight, therefore offering easy handling
- Protection against hand injuries
- Protection against cargo surface damage
- Highly flexible and adaptable to given shapes
- UV-resistant, eliminating material ageing or brittleness
- Heat resistant up to 100°C
- Water-resistant fabric, preventing frost damage (down to -40°C)
- Colour coded as per latest EN standard
- Soft sewn eyes (Flat, Becket or Reverse eyes)
- Low elongation

Flat slings are manufactured to EN 1492-1 safety factor of 7:1 (Webbing width in mm)

Straight lift	Basket lift	140%	Choker lift	100%
100%	200%	7°-45°	80%	45°-60°

Ref	Colour	SWL / WLL	Width	SWL / WLL IN KG at different modes					
ME1	VIOLET	1T	30mm	1000	2000	1400	800	1000	
ME2	GREEN	2T	60mm	2000	4000	2800	1600	2000	
ME3	YELLOW	3T	90mm	3000	6000	4200	2400	3000	
ME4	GREY	4T	120mm	4000	8000	5600	3200	4000	
ME5	RED	5T	150mm	5000	10000	7000	4000	5000	
ME6	BROWN	6T	180mm	6000	12000	8400	4800	6000	
ME8	BLUE	8T	240mm	7000	16000	11200	6400	8000	
ME10	ORANGE	10T	300mm	10000	20000	14000	8000	10000	

Flat polyester sling type (Webbing width in inch)

Straight lift	Basket lift	140%	Choker lift	100%
100%	200%	7°-45°	80%	45°-60°

Ref	Colour	SWL/WLL	Width	SWL / WLL IN KG at different modes					
IE1	VIOLET	1T	1" / 25 mm	1000	2000	1400	800	1000	
IE2	GREEN	2T	2" / 50 mm	2000	4000	2800	1600	2000	
IE3	YELLOW	3T	3" / 75 mm	3000	6000	4200	2400	3000	
IE4	GREY	4T	4" / 100 mm	4000	8000	5600	3200	4000	
IE5	RED	5T	5" / 125 mm	5000	10000	7000	4000	5000	
IE6	BROWN	6T	6" / 150 mm	6000	12000	8400	4800	6000	
IE8	BLUE	8T	8" / 200 mm	7000	16000	11200	6400	8000	
IE10	ORANGE	10T	10" / 250 mm	10000	20000	14000	8000	10000	
IE12	ORANGE	12T	12" / 300 mm	10000	24000	16800	9600	12000	

## Polyester Webbing Slings ▾

Item No.:FWS0601



1T POLYESTER FLAT WEBBING SLING

★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Violet
- Working Load: 1000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 4:1,5:1,6:1	Width:30mm
Safety Factor: 7:1	Width:30mm

Item No.:FWS0602



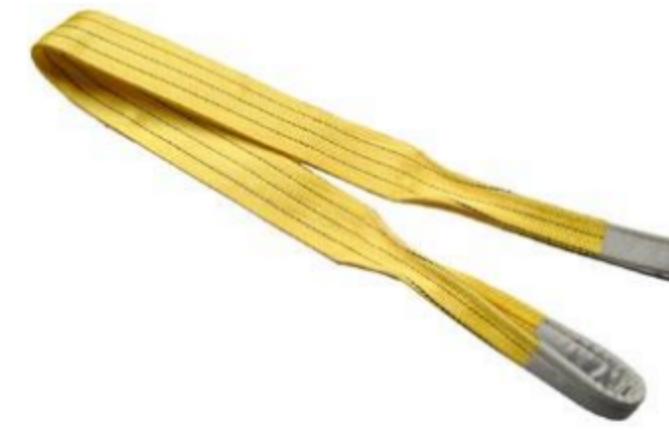
2T POLYESTER FLAT WEBBING SLING

★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Green
- Working Load: 2000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 4:1,5:1,6:1	Width:50mm
Safety Factor: 7:1	Width:60mm

Item No.:FWS0603



3T POLYESTER FLAT WEBBING SLING

★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Yellow
- Working Load: 1000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 4:1,5:1,6:1	Width:75mm
Safety Factor: 7:1	Width:90mm

Item No.:FWS0604



4T POLYESTER FLAT WEBBING SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Grey
- Working Load: 4000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 4:1,5:1,6:1	Width:100mm
Safety Factor:7:1	Width:120mm

Item No.:FWS0605



5T POLYESTER FLAT WEBBING SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Red
- Working Load: 5000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 4:1,5:1,6:1	Width:125mm
Safety Factor:7:1	Width:150mm

Item No.:FWS0606



6T POLYESTER FLAT WEBBING SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Brown
- Working Load: 6000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 4:1,5:1,6:1	Width:150mm
Safety Factor:7:1	Width:180mm

Item No.:FWS0608



8T POLYESTER FLAT WEBBING SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Blue
- Working Load: 8000 kg
- Safety Factor: 5:1,6:1
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 5:1,6:1	Width:200mm
Safety Factor:7:1	Width:240mm

Item No.:FWS0610



10T POLYESTER FLAT WEBBING SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Color: Orange
- Working Load: 10000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor: 5:1,6:1	Width:250mm
Safety Factor:7:1	Width:300mm

Item No.:FWS0612



12T POLYESTER FLAT WEBBING SLING

## ★ Specification:

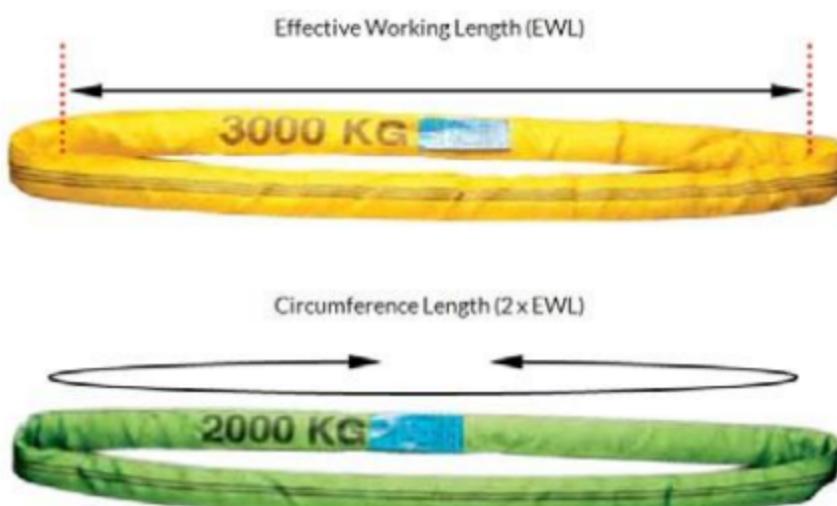
- Material: 100% High tenacity industrial polyester yarn
- Color: Orange
- Working Load: 12000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-1+A1:2008
- CE & G.S. certified

Safety Factor:5:1,6:1	Width:300mm
Safety Factor:7:1	Width:300mm

# Round Slings

Round slings are manufactured to EN1492-2 and have a safety factor of 7:1. The load bearing fibers are wound together to form an endless hank. The working load limit is determined by the number of turns in the hank.

Round Slings are manufactured on a round sling machine. Slings made on this machine are more compact as the winding of the yarn is uniform and the tension on each yarn is constant.



## Round sling from 1T to 10T

Straight lift	Basket lift	140%	Choker lift	100%
100%	200%	7°-45°	80%	45°-60°

Ref	Colour	SWL/WLL	Width	SWL / WLL IN KG at different modes				
TRS1	VIOLET	1T	44mm	1000	2000	1400	800	1000
TRS2	GREEN	2T	46mm	2000	4000	2800	1600	2000
TRS3	YELLOW	3T	60mm	3000	6000	4200	2400	3000
TRS4	GREY	4T	67mm	4000	8000	5600	3200	4000
TRS5	RED	5T	78mm	5000	10000	7000	4000	5000
TRS6	BROWN	6T	83mm	6000	12000	8400	4800	6000
TRS8	BLUE	8T	95mm	8000	16000	11200	6400	8000
TRS10	ORANGE	10T	112mm	10000	20000	14000	8000	10000

## Round sling from 10T to 100T

Heavy duty round slings above 10 Tons are provided with a double cover and two protective sleeves. Sleeves can be specially ordered to any required length.

Ref	Colour	SWL/WLL	W/m	Width	SWL / WLL IN KG at different modes				
RS10	ORANGE	10T	2.2	50mm	10000	20000	14000	8000	10000
RS15	ORANGE	15T	3.5	55mm	15000	30000	21000	12000	15000
RS20	ORANGE	20T	4.8	60mm	20000	40000	28000	16000	20000
RS25	ORANGE	25T	6.1	65mm	25000	50000	35000	20000	25000
RS30	ORANGE	30T	6.9	70mm	30000	60000	42000	24000	30000
RS40	ORANGE	40T	9.5	85mm	40000	80000	56000	32000	40000
RS50	ORANGE	50T	11.6	100mm	50000	100000	70000	40000	50000
RS60	ORANGE	60T	13.6	110mm	60000	120000	84000	48000	60000
RS80	ORANGE	80T	16.9	125mm	80000	160000	112000	64000	80000
RS100	ORANGE	100T	23.2	135mm	100000	200000	140000	80000	100000



## Round Slings ▾

Item No.:RS0701



1T POLYESTER ENDLESS ROUND SLING

### ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Violet
- Working Load: 1000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

Item No.:RS0702



2T POLYESTER ENDLESS ROUND SLING

### ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Green
- Working Load: 2000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

Item No.:RS0703



3T POLYESTER ENDLESS ROUND SLING

### ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Yellow
- Working Load: 3000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

Item No.:RS0704



4T POLYESTER ENDLESS ROUND SLING

### ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Grey
- Working Load: 4000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

Item No.:RS0705



Item No.:RS0706



Item No.:RS0708



Item No.:RS0710



5T POLYESTER ENDLESS ROUND SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Red
- Working Load: 5000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

6T POLYESTER ENDLESS ROUND SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Brown
- Working Load: 6000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

8T POLYESTER ENDLESS ROUND SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Blue
- Working Load: 8000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

10T POLYESTER ENDLESS ROUND SLING

## ★ Specification:

- Material: 100% High tenacity industrial polyester yarn
- Inner core: made of 60000D twisted polyester yarn
- Double ply outer sleeve, extremely wear-resistant.
- Color: Orange
- Working Load: 10000 kg
- Safety Factor: 8:1, 7:1, 6:1, 5:1
- Length Available: 1m to 12m
- Low elongation
- According to EN1492-2+A1:2008
- CE & G.S. certified

Polyester webbing for lifting slings ▼

Item No.:WB0701

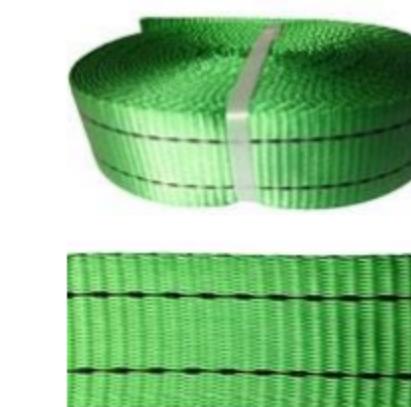


1T POLYESTER WEBBING

- Material: 100% High tenacity industrial polyester yarn
- WLL: 1T
- Color: Violet
- Packing: 100m per roll, 3 rolls per carton or bag.

Safety Factor	Width	B.S.(kg)
5:1	30mm	3500
6:1	30mm	3750
7:1	30mm	4500

Item No.:WB0702



2T POLYESTER WEBBING

- Material: 100% High tenacity industrial polyester yarn
- WLL: 2T
- Color: Green
- Packing: 100m per roll, 2 rolls per carton or bag.

Safety Factor	Width	B.S.(kg)
5:1	50mm	7000
6:1	50mm	7500
7:1	60mm	9000

Item No.:WB0703

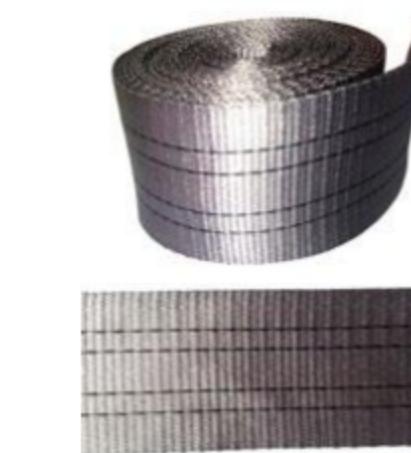


3T POLYESTER WEBBING

- Material: 100% High tenacity industrial polyester yarn
- WLL: 3T
- Color: Yellow
- Packing: 100m per roll, 2 rolls per carton or bag.

Safety Factor	Width	B.S.(kg)
5:1	75mm	10500
6:1	75mm	11250
7:1	90mm	13500

Item No.:WB0704



4T POLYESTER WEBBING

- Material: 100% High tenacity industrial polyester yarn
- WLL: 4T
- Color: Grey
- Packing: 100m per roll, 1 roll per carton or bag.

Safety Factor	Width	B.S.(kg)
5:1	100mm	14000
6:1	100mm	15000
7:1	120mm	18000